

Title (en)

Method of real time optimizing multimedia packet transmission rate

Title (de)

Verfahren zur Echtzeit- Optimierung der paketorientierten Multimediaübertragungsrate

Title (fr)

Méthode d'optimisation en temps réel du débit de transmission de données multimedia par paquets

Publication

EP 1617402 A3 20060719 (EN)

Application

EP 04252055 A 20040407

Priority

- US 46780403 P 20030501
- US 47408403 P 20030528
- US 47408503 P 20030528
- US 50406003 P 20030918
- US 72644003 A 20031202

Abstract (en)

[origin: US2004221056A1] A method and apparatus of optimizing transmission (both real time and continuous) of a number of multimedia data packets between a multimedia source device and a multimedia display device is disclosed. In the described embodiment, the multimedia source device and the display device are coupled by way of a unidirectional main link arranged to carry the multimedia data packets from the multimedia source device and the multimedia display device and a bi-directional auxiliary channel arranged to transfer information between the multimedia source device and the multimedia display device. The method can be carried out by following at least the following operations. Providing a test pattern by the multimedia source device on the main link, determining a transmission quality factor of the main link based upon the test pattern, and optimizing the transmission of the multimedia data packets based upon the transmission quality factor.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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DOCDB simple family (publication)

US 2004221056 A1 20041104; **US 7620062 B2 20091117**; CN 100571139 C 20091216; CN 1574744 A 20050202; EP 1617402 A2 20060118; EP 1617402 A3 20060719; JP 2004336745 A 20041125; KR 20040094611 A 20041110; SG 143038 A1 20080627; TW 200428826 A 20041216; US 2010031098 A1 20100204

DOCDB simple family (application)

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